

Converting Colors

HunterLab(37.0320, -2.5308,
22.7746)

Have a look what the booklet for
HunterLab(37.0320, -2.5308,
22.7746) contains.

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Color

HunterLab(37.0320, -2.5308,
22.7746)

Conversions

Conversions Part 1

Format	Color
Hex	7B6600
RGB	123, 102, 0
RGB Percent	48%, 40%, 0%
CMY	0.5176, 0.6000, 1.0000
CMYK	0.00, 0.17, 1.00, 0.52
HSL	50°, 100%, 24%
HSV	50°, 100%, 48%
XYZ	12.9197, 13.7137, 1.9661
YIQ	96.6510, 45.2580, -27.2700

Conversions

Conversions Part 2

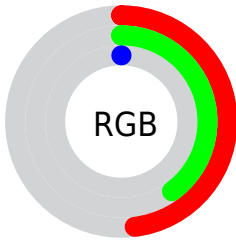
Format	Color
R _Y B	25, 123, 0
Decimal	8087040
CIE Lab	43.82, -0.76, 50.67
CIE LCh	44, 50.672, 90.860
Yxy	13.7144, 0.4517, 0.4795
Android (android.graphics.Color)	4286277120 (0xFF7B6600)
YUV	96.6510, -47.6489, 23.1081
Hunter-Lab	37.0320, -2.5308, 22.7746

Details

The HunterLab color **37.0320, -2.5308, 22.7746** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **14.0232, 24.3817, -70.1593**, and the grayscale version is **34.6052, -1.8464, 1.8802**.

A 20% lighter version of the original color is **57.1773, -3.9153, 30.7309**, and **20.3235, -0.9616, 12.5064** is the 20% darker color. If you saturate the color by 10%, you get **37.0326, -2.5320, 22.7750**, and if you desaturate by 10%, it is **37.6293, -3.2481, 22.5665**.

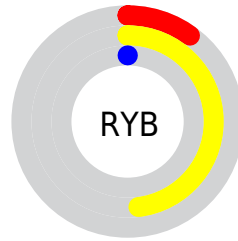
Distribution



Red (48%)

Green (40%)

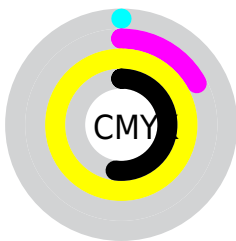
Blue (0%)



Red (10%)

Yellow (48%)

Blue (0%)

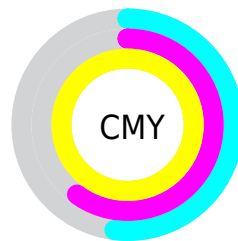


Cyan (0%)

Magenta (17%)

Yellow (100%)

Black (52%)



Cyan (52%)

Magenta (60%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.0320, -2.5308, 22.7746 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 37.0320, -2.5308, 22.7746 by changing the saturation by 10% instead.

37.0320, -2.5308,
22.7746

37.0320, -2.5308,
22.7746

146.7810, -8.7187,
53.5263

28.1465, -2.0090,
18.5767

57.0801, -3.6896,
30.6610

20.1128, -1.5259,
14.0790

68.1359, -4.3193,
34.2973

13.0342, -1.0865,
9.1239

79.8256, -4.9806,
37.7741

6.5035, -0.8570,
4.5524

92.1166, -5.6723,
41.1176

0.0000, NaN, NaN

0.0000, NaN, NaN

104.9807, -6.3930,
44.3490

0.0000, NaN, NaN

118.3935, -7.1416,

0.0000, NaN, NaN

47.4853

0.0000, NaN, NaN

■ 132.3333, -7.9171,
50.5406

■ 37.0320, -2.5308,
22.7746

■ 37.0320, -2.5308,
22.7746

■ 37.0326, -2.5320,
22.7750

■ 37.6293, -3.2481,
22.5665

■ 38.2483, -3.8641,
22.1094

■ 38.9011, -4.3176,
21.2392

■ 39.5895, -4.5966,
19.9285

■ 40.3147, -4.6935,
18.1611

■ 41.0774, -4.6039,
15.9295

■ 41.8780, -4.3259,
13.2329

■ 42.7163, -3.8600,
10.0755

■ 43.5922, -3.2082,
6.4659

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



37.0329, 17.8404, 21.4750



37.0320, -2.5308, 22.7746



37.0329, -19.1274, 21.3004

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



37.0329, -2.5324, 22.7749



37.0329, -28.7130, -20.9964



37.0329, 36.2468, -19.5748

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



37.0320, -2.5308, 22.7746



14.0232, 24.3817, -70.1593

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



37.0329, 19.0021, -42.7826



37.0320, -2.5308, 22.7746



37.0329, -18.3442, -43.8574

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



37.0329, -2.5324, 22.7749



37.0329, -32.2145, 1.4829



37.0329, -1.4202, -53.3592



37.0329, 42.8142, 2.5409

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



37.0320, -2.5308, 22.7746



37.0329, -26.5513, 18.0733



37.0329, -1.4202, -53.3592



37.0329, 31.3535, -27.8369

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



37.0329, -2.5324, 22.7749



55.9595, -5.8252, 17.9974



20.6668, 35.6815, 11.1004



26.9737, -2.9006, 9.3709



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



37.0329, -2.5324, 22.7749



49.3737, -3.0864, 30.3698



40.0662, -22.2513, 24.2988



21.2675, -1.5281, 2.9738



37.6570, -2.5604, 23.1592



81.5810, -4.4943, 50.1912

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



14.0232, 24.3817, -70.1593



18.3422, 34.1149, -96.5703



13.6405, 33.8407, -72.4526



19.9850, -0.6059, -0.8776



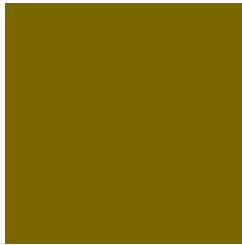
14.2405, 24.8760, -71.4995



29.6505, 59.5408, -165.5921

Previews

White Background



This preview shows how the HunterLab color 37.0320, -2.5308, 22.7746 looks on a white background.

Color Contrast Check

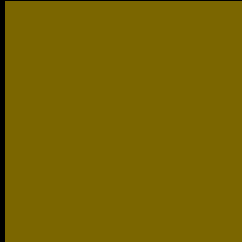
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 37.0320, -2.5308, 22.7746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

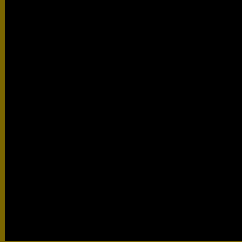
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 37.0320, -2.5308, 22.7746 Background



This preview shows how black text looks on a background with the HunterLab color 37.0320, -2.5308, 22.7746.

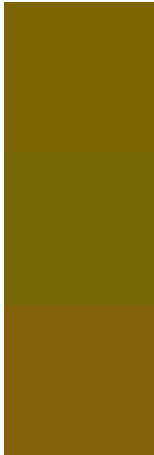


This preview shows how white text looks on a background with the HunterLab color 37.0320, -2.5308,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

37.0320, -2.5308, 22.7746

Protanopia

37.0047, -5.3600, 22.4783

Deuteranopia

36.8545, 2.2584, 22.2872



Tritanopia

37.0580, 9.2912, 2.8859

Trichromacy



Original Color

37.0320, -2.5308, 22.7746

Protanomaly

36.9175, -4.2904, 22.5349

Deuteranomaly

36.7777, 0.6600, 22.3961

Tritanomaly

36.8139, 3.0988, 14.6845

Monochromacy



Original Color

37.0320, -2.5308, 22.7746

Achromatopsia

34.5743, -1.8448, 1.8785

Achromatomaly

35.1221, -4.1602, 13.8758

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.0320, -2.5308, 22.7746 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(123, 102, 0)` looks like.

```
.text, #text, p{  
    color:rgb(123, 102, 0)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(123, 102, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 102, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 37.0320, -2.5308, 22.7746 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(123, 102, 0) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(123, 102, 0) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(123, 102, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 102, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 102, 0);  
box-shadow:4px 4px 4px 4px rgb(123, 102,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.0320, -2.5308, 22.7746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 102, 0) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(123,  
102, 0) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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